

NTHMP Seismic Report

November 2, 2005

Status

- All seismic stations installed and operational.
- Network operators maintain and repair sites as necessary.
- Probably the last year that the USGS picks up telemetry bill for CREST circuits

President's Tsunami Warning System Initiative

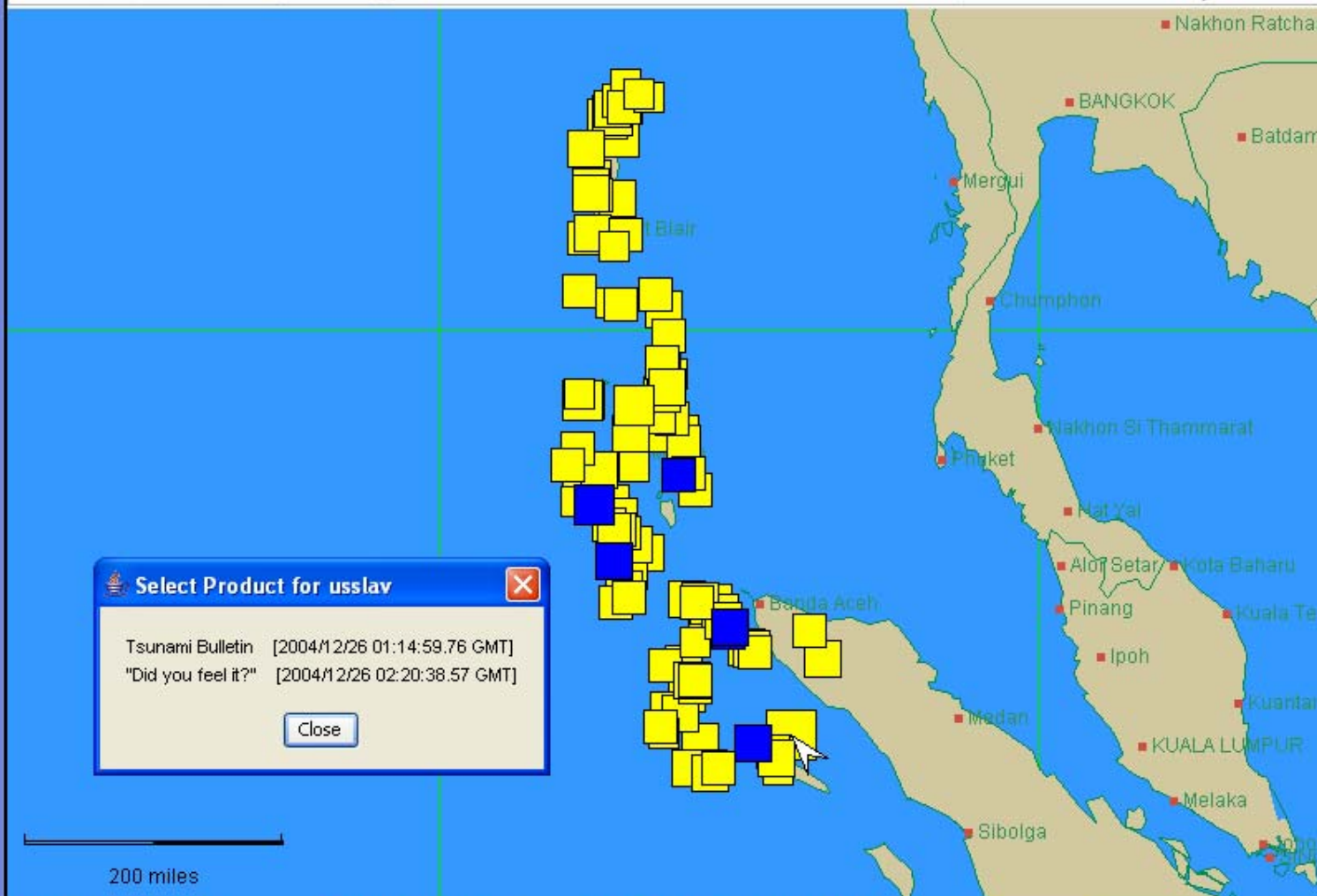
- FY 2005 Supplemental Award +\$8.1M
- FY 2006 Administration request +\$5.4M
 - NEIC 7X24 operations, upgrade hardware/software speed response - \$3.5/3.4
 - Improve Global Seismic Network - \$4.15/0.6
 - Enhance information distribution - \$0.45/0.45
 - Regional assessments of tsunami hazard potential in the Caribbean, esp. Puerto Rico and U.S. Virgin Islands through coastal and marine mapping \$0/1.0

CISN Display/QWEmailer

- Developed by California Integrated Seismic Network under funding from OES
- Real-time push of information to Java GIS application
- NTHMP funding
 - **Configurable Product Buttons**
 - Tsunami
 - **Event ID association**
 - Integrates WC/ATWC products
 - **Email**
 - Bought computers and satellite ISP service for 8 beta users
 - Developed customized notification system

CISNdisplay

The California Integrated Seismic Network,
Partner with the Advanced National Seismic System



Select Product for usslav

Tsunami Bulletin [2004/12/26 01:14:59.76 GMT]
 "Did you feel it?" [2004/12/26 02:20:38.57 GMT]

Close

2004/12/25	23:51:59	1.6
2004/12/26	00:19:33	1.5
2004/12/26	00:58:53	9.0
2004/12/26	01:21:21	6.0
2004/12/26	01:25:48	5.7
2004/12/26	01:40:07	5.3
2004/12/26	01:45:05	1.3
2004/12/26	01:48:49	5.8
2004/12/26	02:15:56	5.7
2004/12/26	02:22:03	5.8
2004/12/26	02:22:14	1.6
2004/12/26	02:27:27	??
2004/12/26	02:34:52	5.7
2004/12/26	02:36:09	5.8
2004/12/26	02:52:01	5.8
2004/12/26	02:56:53	0.8
2004/12/26	02:59:14	5.8
2004/12/26	03:08:44	5.9

Magnitude	Age
□ ≥ 0	
□ ≥ 1	■ last hour
□ ≥ 2	■ last day
□ ≥ 3	■ last week
□ ≥ 4	□ ≥ 7 days
□ ≥ 5	
□ ≥ 6	
□ ≥ 7	

Event ID: **slav vT** Status: **Verified** Data Source: **US - USGS NEIC**
 Date: **Dec 26, 2004** Magnitude: **9.0** Latitude: **3.316**
 Time: **00:58:53.20 GMT** Depth: **30.0 km** Longitude: **95.855**
 Note: **155 miles SSE of Banda Aceh, Sumatra, Indonesia**

Info
 Products
 Tsunami

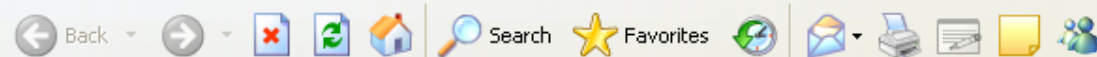


Reset View

Reset Zoom

Show products for event 02 GMT 11:02 PST

Notice: Earthquake data may be preliminary and subject to change.

Address <http://wcatwc.gov/message000264.txt>

Google Search Web PageRank 183 blocked AutoFill Options

WEPA43 PAAQ 260114
TIBWCA

TO - TSUNAMI WARNING SYSTEM PARTICIPANTS IN
ALASKA/BRITISH COLUMBIA/WASHINGTON/OREGON/CALIFORNIA
FROM - WEST COAST AND ALASKA TSUNAMI WARNING CENTER/NOAA/NWS
SUBJECT - TSUNAMI INFORMATION BULLETIN
BULLETIN NUMBER 1
ISSUED 12/26/2004 AT 0114 UTC

...THIS TSUNAMI INFORMATION BULLETIN IS FOR ALASKA - BRITISH
COLUMBIA - WASHINGTON - OREGON AND CALIFORNIA ONLY...

NO - REPEAT NO - WATCH OR WARNING IS IN EFFECT.

EARTHQUAKE DATA

PRELIMINARY MAGNITUDE - 8.5
LOCATION - 3.4N 95.7E - OFF W COAST OF NORTHERN SUMATERA
TIME - 1559 AST 12/25/2004
1659 PST 12/25/2004
0059 UTC 12/26/2004

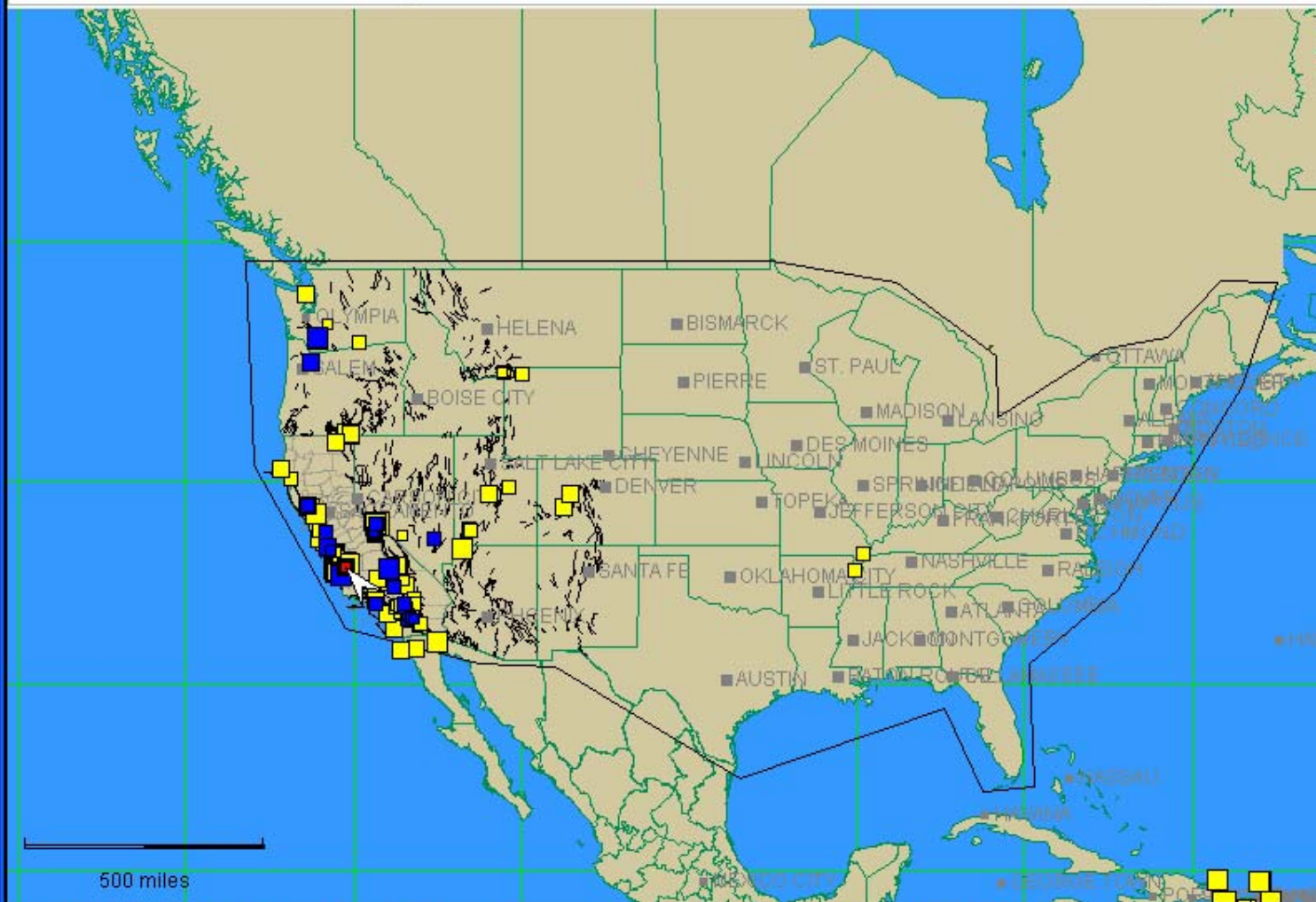
EVALUATION

BASED ON LOCATION AND MAGNITUDE THE EARTHQUAKE WAS NOT
SUFFICIENT TO GENERATE A TSUNAMI DAMAGING TO CALIFORNIA -
OREGON - WASHINGTON - BRITISH COLUMBIA OR ALASKA. SOME AREAS MAY
EXPERIENCE SMALL SEA LEVEL CHANGES. IN AREAS OF INTENSE
SHAKING LOCALLY GENERATED TSUNAMIS CAN BE TRIGGERED BY SLUMPING.

THE PACIFIC TSUNAMI WARNING CENTER WILL ISSUE TSUNAMI BULLETINS
FOR HAWAII AND OTHER AREAS OF THE PACIFIC.

THIS WILL BE THE ONLY BULLETIN ISSUED FOR THIS EVENT BY THE
WEST COAST AND ALASKA TSUNAMI WARNING CENTER UNLESS CONDITIONS
WARRANT. REFER TO THE INTERNET SITE [HTTP://WCATWC.ARH.NOAA.GOV](http://WCATWC.ARH.NOAA.GOV)
FOR MORE INFORMATION.

CISNdisplay

The California Integrated Seismic Network,
Partner to the Advanced National Seismic System

2004/11/29 01:54:14 4.2
 • 2004/11/29 01:59:01 0.7
 2004/11/29 02:07:55 2.9
 2004/11/29 02:19:12 2.2
 • 2004/11/29 02:55:00 0.6
 • 2004/11/29 03:24:26 2.7
 • 2004/11/29 03:25:52 2.4
 • 2004/11/29 03:52:48 1.7
 • 2004/11/29 03:53:44 1.0
 • 2004/11/29 03:59:10 1.8
 • 2004/11/29 04:07:54 2.0
 2004/11/29 04:08:07 1.2
 • 2004/11/29 04:15:34 2.1
 2004/11/29 04:19:13 1.5
 2004/11/29 04:34:10 ??
 • 2004/11/29 05:04:53 0.9
 2004/11/29 06:00:02 1.8
 2004/11/29 06:33:40 3.1

Magnitude	Age
■ ≥ 0	
■ ≥ 1	■ last hour
■ ≥ 2	■ last day
■ ≥ 3	■ last week
■ ≥ 4	■ ≥ 7 days
■ ≥ 5	
■ ≥ 6	
■ ≥ 7	

Event ID: 51153873 v3 Status: **Verified**
 Date: Nov 29, 2004 Magnitude: 4.2
 Time: 01:54:14.50 GMT Depth: 10.4 km
 Note: 5 miles NW of Parkfield, CA

Data Source: NC-CISN (UCB/USGS)
 Latitude: 35.944
 Longitude: -120.492

Info

Products

Tsunami



Reset View

Reset Zoom

06:16 GMT 22:16 PST

Notice: Earthquake data may be preliminary and subject to change.

Alert Recipients:

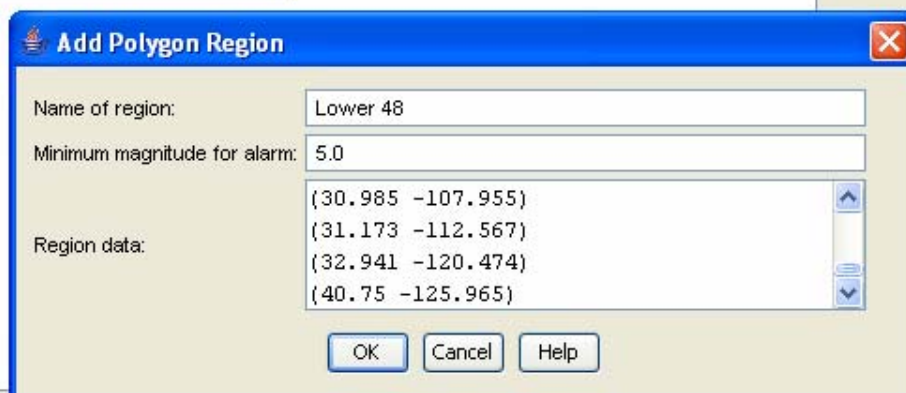
(disabled) "David pager" <6509405749@myairmail.com> [0 alerts] (1 region)
"David cell phone" <6502832747@tmomail.net> [0 alerts] (1 region)
(disabled) "David pager reviewed only" <6509405749@myairmail.com> [0 alerts] (1 region)
(disabled) "oppen@usgs.gov" <oppen@usgs.gov> [0 alerts]

Add

Edit

Regions

Remove





From: CISN (Caltech/USGS)
Subj: M3.2 Quake Report
M3.2 EQ, 3 mi. N of Big Bear City, CA, 03:03:01 PM PDT 04/10/2003 Caltech/USGS

Explanation of message:

From: CISN (Caltech/USGS)
Source of the message. For an event in Southern California, the
line will read "CISN (Caltech/USGS)". For an event in
Northern California, the line will read "CISN (Berkeley/USGS)"

Subj: M3.2 Quake Report
The magnitude of the earthquake.

M3.2 EQ, 3 mi. N of Big Bear City, CA, 03:03:01 PM PDT 04/10/2003
M3.2 EQ - Magnitude 3.2 earthquake
3 mi. N of Big Bear City, CA - Location description
03:03:01 PM PDT 04/10/2003 - Date and Time of earthquake in local time

CISN Display Software Status

- **CISN Display Version 1 released 12/2004**
- **4 servers with auto-failover installed**
 - Each can support 1000 clients
- **Documentation complete**
- **Web site with commonly requested GIS layers complete**
- **140 subscribers (emergency services, media, academics, government agencies)**
- **Available at <http://www.cisn.org/software>**

V2.0 Enhancements from Sumatra USGS Supplement

- Better GIS layers
- Raster image background
- Detection of tsunami warning vs. bulletin
- Notification of tsunami warnings by SMS
- Full integration of mailer and display
- SMTP authentication
- Kiosk mode